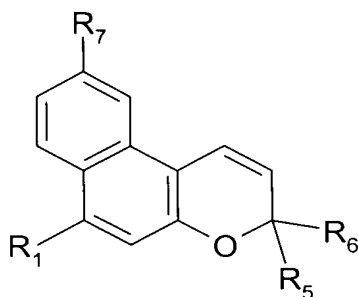


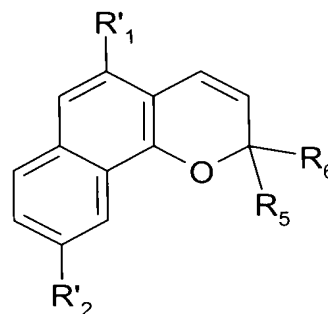
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended): A composition comprising, in a cosmetically acceptable medium, at least one oily phase, wherein the oily phase is polar and has a mean solubility parameter δ_a according to the Hansen solubility space, at 25°C, of greater than or equal to 5.0 (J/cm³)^{1/2}, and at least one photochromic organic dye of formula (Ia) or (IIa') below:



(Ia)



(IIa)

in which:

* R₁ represents:

- (i) a hydrogen atom;
- (ii) a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing from 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated; or

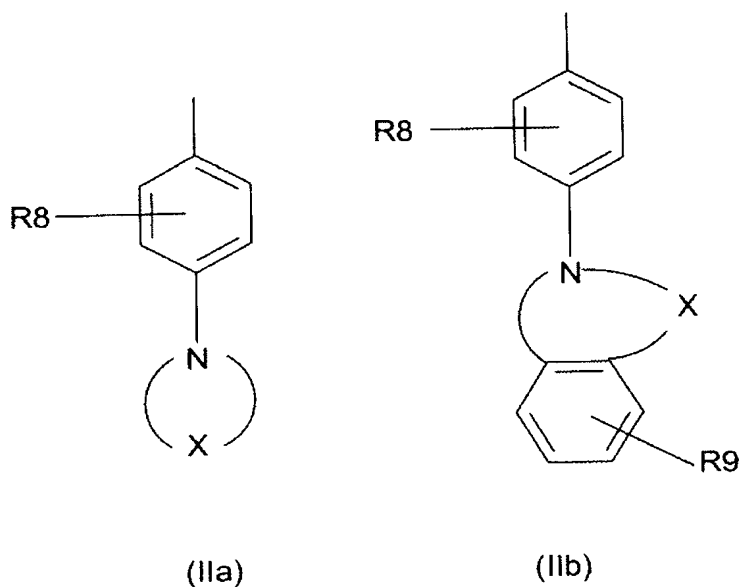
- (iii) a group selected from the group consisting of -COOR₄, -C(O)NR₂R₃, -NR₂R₃, -OR₄ and -SR₄, in which:

- R₂ and R₃ either represent, independently of each other, a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, or, taken together with the nitrogen atom to which they are attached, form a saturated or unsaturated hydrocarbon-based heterocycle containing 3-10 carbon atoms and optionally 1-5 other hetero atoms selected from the group consisting of N, O, S, Si and P, the ring optionally being substituted with at least one linear, branched or cyclic, saturated or unsaturated hydrocarbon-based radical containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

- R₄ represents a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 20 carbon atoms, which is optionally halogenated or perhalogenated and/or optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

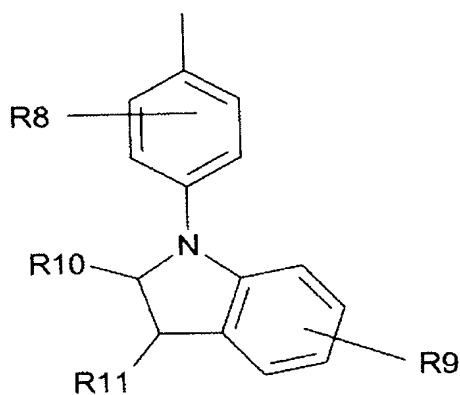
* R₅ and R₆ represent, independently of each other, a group selected from the group consisting of:

- (i) the saturated cyclic aminoaryl groups of formula (IIa) or (IIb):



in which the ring comprising N and X is a saturated ring containing in total 3 to 30 atoms, including nitrogen, the remainder being carbon atoms and/or hetero atoms selected from the group consisting of O, S, Si and P and/or groups selected from the group consisting of -NH and -NR with R representing a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based radical containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

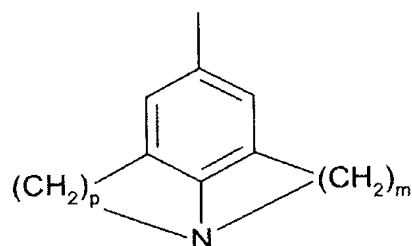
- (ii) the indolinoaryl groups of formula (III):



(III)

in which R10 and R11 represent, independently of each other, a group selected from the group consisting of (i) linear, branched or cyclic, saturated or unsaturated hydrocarbon-based groups containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated; (ii) halogen atoms; (iii) -CN (nitrile), -COOH (carboxylate) or -NO₂ (nitro) groups; (iv) a hydrogen atom; (v) a group selected from the group consisting of -C(O)NR₂R₃, -NR₂R₃, -OR₄ and -SR₄ with R₂, R₃ and R₄ having the meanings given above; (vi) the radicals R10 and R11 together possibly forming a saturated or unsaturated hydrocarbon-based ring containing in total 5 to 8 atoms (including the atoms of the indoline ring), the atoms being selected from the group consisting of C, O, S and/or NR with R representing H or a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based radical containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P,

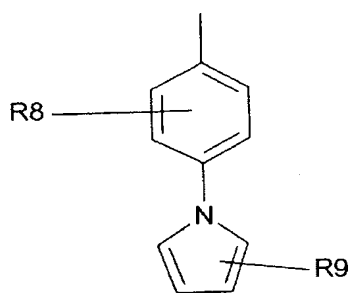
- (iii) the groups of formula (IV):



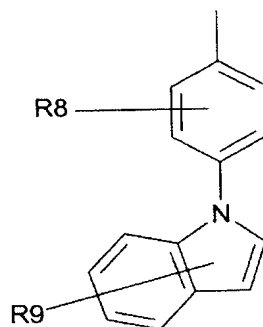
(IV)

in which m and p are, independently of each other, integers ranging from 2 to 5;

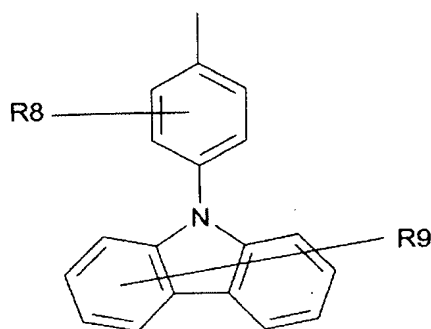
- (iv) the unsaturated cyclic aminoaryl groups of formula (Va), (Vb) or (Vc):



(Va)



(Vb)



(Vc)

in which R8 and R9 represent, independently of each other, a group selected from the group consisting of (i) linear, branched or cyclic, saturated or unsaturated hydrocarbon-based

groups containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated; (ii) halogen atoms; (iii) -CN (nitrile), -COOH (carboxylate) or -NO₂ (nitro) groups; (iv) a hydrogen atom; (v) a group selected from the group consisting of -C(O)NR₂R₃, -NR₂R₃, -OR₄ and -SR₄ with R₂, R₃ and R₄ having the meanings given above;

- (v) a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

* R₇ represents a group selected from the group consisting of:

- (i) linear, branched or cyclic, saturated or unsaturated hydrocarbon-based groups containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated;

- (ii) halogen atoms;

- (iii) -CN (nitrile), -COOH (carboxylate), -NO₂ (nitro), -N=N- (azo), =NH (imino) or -CONH₂ (amide) groups;

- (iv) a hydrogen atom;

- (v) a group selected from the group consisting of -C(O)NR₂R₃, -NR₂R₃, -OR₄ and -SR₄ with R₂, R₃ and R₄ having the meanings given above;

- (vi) the radical R₇ also possibly forming, with one of the bonds "i", "j", "k" or "g,h" taken with the radical R₁, or "f" taken with the radical R₁, a saturated hydrocarbon-based ring containing in total 3 to 8 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

* R'1 represents a group selected from the group consisting of:

- (i) a hydrogen atom;
- (ii) a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated;
- (iii) a group selected from the group consisting of -C(O)NR₂R₃, -NR₂R₃, -OR₄ and -SR₄, with R₂, R₃ and R₄ having the meanings given above;

* R'2 represents a group selected from the group consisting of:

- (i) linear, branched or cyclic, saturated or unsaturated hydrocarbon-based groups containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated;
 - (ii) halogen atoms;
 - (iii) -CN (nitrile), -COOH (carboxylate), -NO₂ (nitro), -N=N- (azo), =NH (imino) or -CONH₂ (amide) groups;
 - (iv) a hydrogen atom;
 - (v) a group selected from the group consisting of -C(O)NR₂R₃, -NR₂R₃, -OR₄ and -SR₄, with R₂, R₃ and R₄ having the meanings given above,
- the organic dye being soluble in the oily phase of the composition.

2. (Canceled).

3. (Previously Presented): The composition according to Claim 1, in which R₁ represents a hydrogen atom; or a group selected from the group consisting of -COOR₄, -NR₂R₃, -OR₄ and -SR₄, in which:

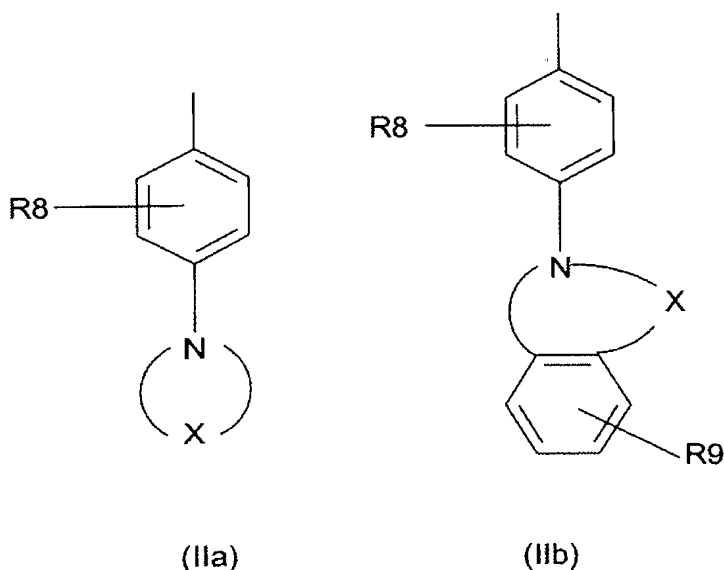
- R2 and R3 either represent, independently of each other, a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P,

or, taken together with the nitrogen atom to which they are attached, form a saturated or unsaturated hydrocarbon-based heterocycle containing 3-10 carbon atoms and optionally 1-5 other hetero atoms selected from the group consisting of N, O, S, Si and P, the ring optionally being substituted with at least one linear, branched or cyclic, saturated or unsaturated hydrocarbon-based radical containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

- R4 represents a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 20 carbon atoms, optionally halogenated or perhalogenated, and/or optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P.

4. (Original): The composition according to Claim 1, in which R5 and R6 represent, independently of each other, a group selected from the group consisting of:

- the saturated cyclic aminoaryl groups of formula (IIa) or (IIb):



in which the ring comprising N and X is a saturated ring which contains in total 3 to 30 atoms, including nitrogen, the remainder being carbon atoms and/or hetero atoms selected from the group consisting of O, S, Si and P and/or groups selected from the group consisting of -NH and -NR with R representing a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based radical containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P;

- a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 30, preferably 2-18 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P; with R2, R3 and R4 having the meanings given in Claim 1.

5. (Previously Presented): The composition according to Claim 1, in which R7 represents a group selected from the group consisting of:

- (i) linear, branched or cyclic, saturated or unsaturated hydrocarbon-based groups containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated;
- (ii) halogen atoms, especially F, Br and/or Cl;
- (iii) -CN (nitrile), -COOH (carboxylate), -NO₂ (nitro), -N=N- (azo), =NH (imino) or -CONH₂ (amide) groups;
- (iv) a hydrogen atom;
- (v) a group selected from the group consisting of -NR₂R₃, -OR₄ and -SR₄, with R₂, R₃ and R₄ having the meanings given in Claim 1.

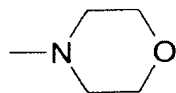
6. (Original): The composition according to Claim 1, in which R'₁ represents hydrogen or a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 30 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P, and/or optionally halogenated or perhalogenated.

7. (Original): The composition according to Claim 1, in which R'₂ represents hydrogen or a group selected from the group consisting of -NO₂, -NR₂R₃ and -C(O)NR₂R₃, in which R₂ and R₃ either represent, independently of each other, a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P; or, taken together with the nitrogen atom to which they are attached, form a saturated or unsaturated hydrocarbon-based heterocycle containing 3-10 carbon atoms and optionally 1-5 other hetero atoms selected from the group consisting of N, O, S, Si and P, the ring optionally being substituted with at least one linear, branched or cyclic, saturated or

unsaturated hydrocarbon-based radical containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P.

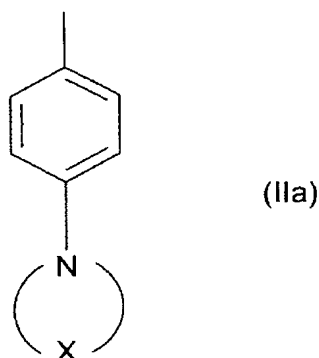
8. (Previously Presented): The composition according to Claim 1, in which the organic dye is of formula (Ia) for which:

* R1 represents hydrogen; or a group -COOR with R being a saturated hydrocarbon-based radical containing 1 to 12 carbon atoms; or a group

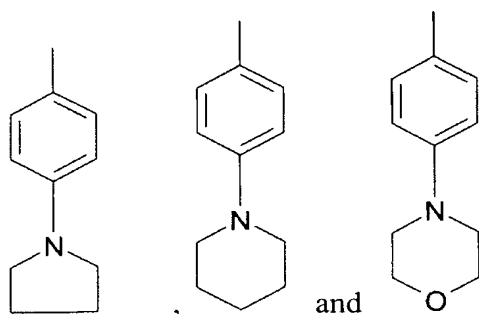


and/or

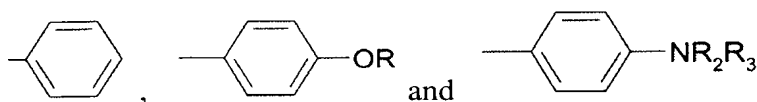
* R5 and R6 represent, independently of each other, either (i) a group of formula (IIa):



in which the ring comprising N and X is a saturated ring selected from the group consisting of groups of formulae:



or (ii) a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 5 to 14 carbon atoms, optionally comprising 1 or 2 hetero atoms selected from the group consisting of



in which R is a saturated hydrocarbon-based radical containing 1 to 12 carbon atoms; and R₂ and R₃ are, independently of each other, a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 1 to 20 carbon atoms, optionally comprising 1 to 5 hetero atoms selected from the group consisting of N, O, S, Si and P; and/or

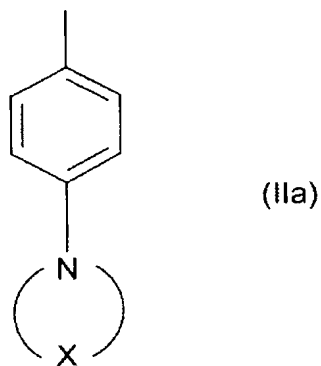
* R₇ represents a hydrogen atom or a group -NR₂R₃, with R₂ and R₃ representing, independently of each other, a linear or branched, saturated hydrocarbon-based group containing 1 to 12 carbon atoms.

9. (Previously Presented): The composition according to Claim 1, in which the organic dye is of formula (IIa') for which:

* R'₁ represents hydrogen or a group -COOR with R being a saturated hydrocarbon-based radical containing 1 to 12 carbon atoms;

and/or

* R5 and R6 represent, independently of each other, either (i) a group of formula (IIa):



in which the ring comprising N and X is a saturated ring containing in total 4 to 7 atoms including nitrogen;

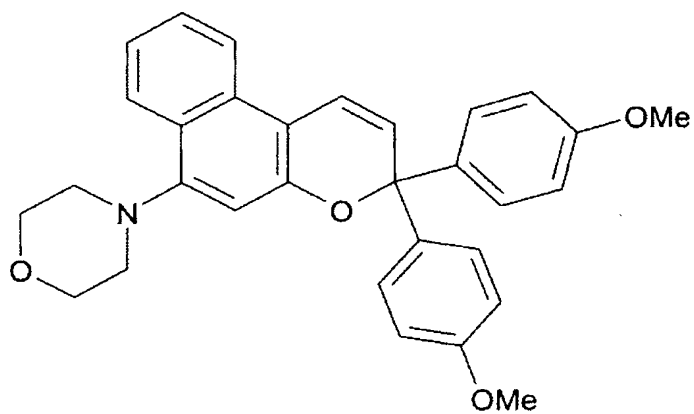
or (ii) a linear, branched or cyclic, saturated or unsaturated hydrocarbon-based group containing 5 to 14 carbon atoms, optionally comprising 1 or 2 hetero atoms selected from the group consisting of N, O and S;

and/or

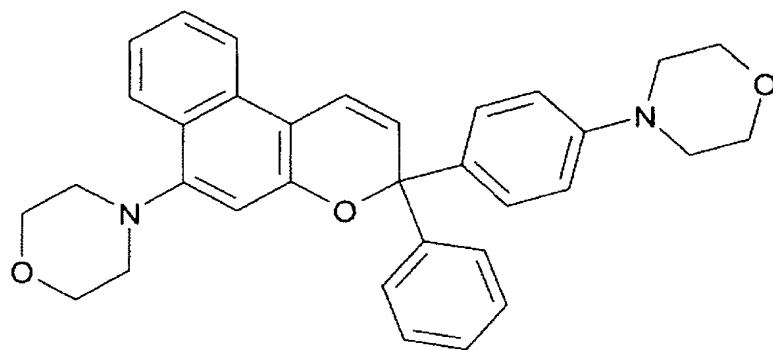
* R'2 represents hydrogen or a group -NR'R'', with R' and R'', which may be identical or different, representing a linear or branched, saturated hydrocarbon-based group containing 1 to 12 carbon atoms.

10. (Original): The composition according to Claim 1, in which the organic dye is selected from the group consisting of:

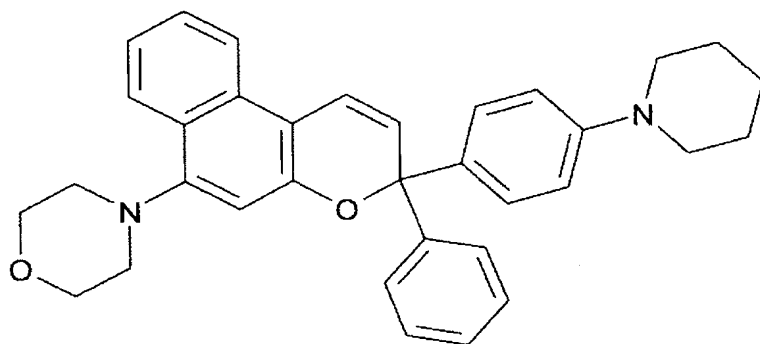
- 3,3-di(4-methoxyphenyl)-6-morpholino-3H-naphtho[2,1-b]pyran of formula:



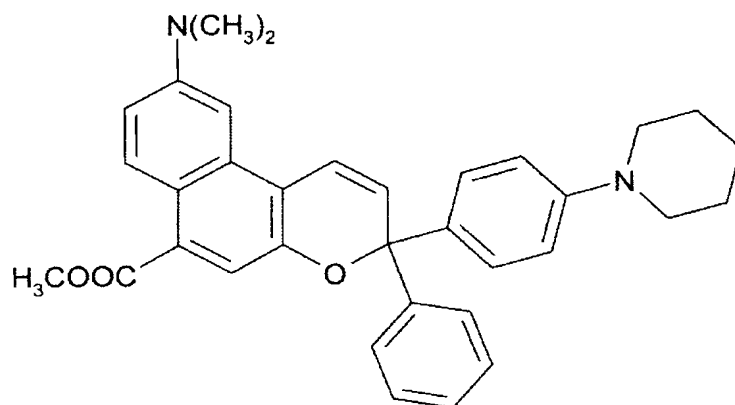
- 3-phenyl-3-(4-morpholinophenyl)-6-morpholino-3H-naphtho[2,1-b]pyran of formula:



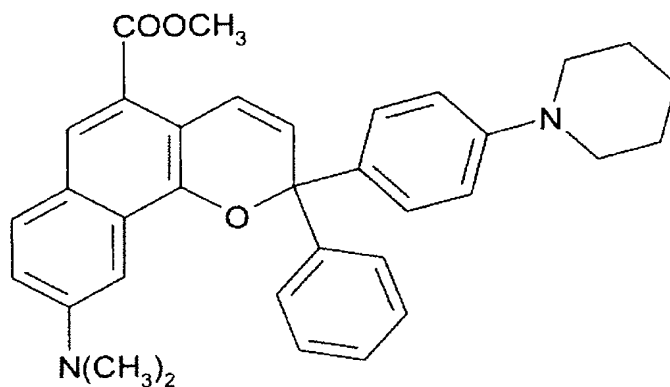
- 3-phenyl-3-(4-piperidinophenyl)-6-morpholino-3H-naphtho[2,1-b]pyran of formula:



- 3-phenyl-3-(4-piperidinophenyl)-6-methoxycarbonyl-9-N-dimethyl-3H-naphtho[2,1-b]pyran of formula:



- 2-phenyl-2-(4-piperidinophenyl)-5-methoxycarbonyl-9-N-dimethyl-2H-naphtho[1,2-b]pyran of formula:



- and mixtures thereof.

11. (Original): The composition according to Claim 1, in which the organic dye is included, alone or as a mixture, in an amount of from 0.001% to 20% by weight relative to the total weight of the cosmetic composition.

12. (Canceled).

13. (Original): The composition according to Claim 1, in which the oily phase comprises 5% to 100% by weight, relative to the total weight of the oily phase, of one or more polar oils with a mean solubility parameter δ_a according to the Hansen solubility space, at 25°C, of greater than or equal to $5.0 \text{ (J/cm}^3)^{1/2}$.

14-15. (Canceled).

16. (Original): The composition according to Claim 1, in which the oily phase comprises at least one oil selected from the group consisting of:

- animal or plant oils formed from fatty acid esters of polyols; fish oils or glyceryl tricaproylate, or plant or animal oils of formula R_1COOR_2 in which R_1 represents a higher fatty acid residue containing from 7 to 19 carbon atoms and R_2 represents a branched hydrocarbon-based chain containing from 3 to 20 carbon atoms; liquid paraffin, liquid petroleum jelly, beauty-leaf oil, macadamia oil, rapeseed oil, coconut oil, groundnut oil, palm oil, castor oil, jojoba oil, olive oil or cereal germ oil; shea butter oil; perhydrosqualene;
 - synthetic esters and ethers; polyol esters; tridecyl trimellitate;
 - fatty alcohols containing from 12 to 26 carbon atoms;
 - linear or branched hydrocarbons of mineral or synthetic origin; isoparaffins;
 - glycerides;
- and mixtures thereof.

17. (Original): The composition according to Claim 1, in which the oily phase comprises at least one oil selected from the group consisting of octyldodecanol, hexyldecanol, octyldecanol, oleyl alcohol, castor oil, diisostearyl malate, glyceryl triheptanoate, glyceryl trioctanoate, capric/caprylic acid triglyceride, triisononanol, tridecyl

trimellitate, C6-C40 aliphatic hydrocarbons, petroleum jelly, hydrogenated or non-hydrogenated polydecenes, hydrogenated polyisobutene, squalane, polybutylenes and isononyl isononanoate; fluoro oils, and mixtures thereof.

18-25. (Canceled).

26. (Original): The composition according to Claim 1, in which the oily phase is included in an amount of from 10% to 90% by weight relative to the total weight of the cosmetic composition.

27. (Original): The composition according to Claim 1, further comprising other fatty substances selected from the group consisting of waxes, gums and/or pasty fatty substances of animal, plant, mineral or synthetic origin, and also mixtures thereof; and/or a particulate phase, which may comprise pigments, nacres, fillers, dyes and/or other photochromic compounds; and/or UV-screening agents; and/or an aqueous phase; and/or a surfactant and/or a thickener and/or a film-forming polymer.

28. (Currently Amended): The composition according to Claim 1, having a ΔE value of greater than or equal to 5 after irradiation with UV for 2 minutes.

29. (Original): The composition according to Claim 1, which is in the form of a care and/or makeup product for body or facial skin, for the lips and for the hair, an antisun product or self-tanning product, or a hair product.

30. (Original): The composition according to Claim 1, which is in the form of a lipstick, a foundation, a makeup rouge, an eyeshadow, a free or compact powder, a tinted cream, a body makeup product, a skin-coloring product, an eyeliner or a mascara.

31. (Withdrawn): A process for treating a support selected from the group consisting of mucous membranes, semi-mucous membranes, the skin and/or the integuments, comprising applying the composition of Claim 1 to the support.

32. (Previously Presented): The composition according to Claim 1, wherein the organic dye is dissolved in the oily phase of the composition.

33. (New): The composition according to claim 1, wherein the oily phase comprises castor oil.

34. (New): The composition according to claim 1, wherein the oily phase comprises diisostearyl malate.

35. (New): The composition according to claim 1, wherein the oily phase comprises octyldecanol.

36. (New): The composition according to claim 1, wherein the oily phase comprises capric/caprylic acid triglyceride.

37. (New): The composition according to claim 1, wherein the oily phase comprises triisononanoïn.

38. (New): The composition according to claim 1, wherein the oily phase comprises tridecyl trimellitate.

39. (New): The composition according to claim 1, wherein the oily phase has a mean solubility parameter δ_a according to the Hansen solubility space, at 25°C, of greater than or equal to $5.3 \text{ (J/cm}^3)^{1/2}$.

40. (New): The composition according to claim 1, wherein the oily phase has a mean solubility parameter δ_a according to the Hansen solubility space, at 25°C, of greater than or equal to $6.0 \text{ (J/cm}^3)^{1/2}$.

41. (New): The composition according to claim 1, wherein the oily phase has a mean solubility parameter δ_a according to the Hansen solubility space, at 25°C, of greater than or equal to $7.0 \text{ (J/cm}^3)^{1/2}$.

42. (New): The composition according to claim 1, wherein the oily phase comprises 15% to 60%, by weight relative to the total weight of the oily phase, of oils having a mean solubility parameter δ_a according to the Hansen solubility space, at 25°C, of greater than or equal to $6.0 \text{ (J/cm}^3)^{1/2}$.

43. (New): The composition according to claim 1, wherein the ΔE between (a) the oily phase and (b) the oily phase containing the photochromic organic dye is a value of greater than or equal to 10.